## **Declaration, Power of Attorney and Petition**

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HEAT EXCHAN	GER	·						·	
the specification of	f which								
	is attached he	ereto.			•				
	was filed on		as						
	Application S	Serial No.							
	and amended	on		· .		•			
$\boxtimes$	was filed as I	PCT international app	plication						
	Number <u>P</u>	CT/JP2005/007355		, _					
	on April 11, 2005								
	and was ame	nded under PCT Art	icle 19	,		·			
	on		(if applicable).						
including the claim	is, as amende	d by any amendmen							
We (1) acknown as defined in Section	wledge the duon 1.56 of Tit	ty to disclose inforn le 37 Code of Federa	nation known to be mate al Regulations.	erial to the patenta	bility o	f this a	applic	ation	
for patent or inver country other than application for pate	ntor's certific the United S ent or invento	ate, or §365(a) of a states, listed below a	ler 35 U.S.C. §119(a)-(cany PCT International and have also identified CT International application (s)	application which below, by checki	designathe	ated at	t least	t one	
Application N	No.	Country	Day/M	Ionth/Year		Prio Clair			
Pat. 2004-116	418	Japan	12/0	04/2004	$\boxtimes$	Yes		No	
Pat. 2005-0499	946	Japan	25/0	02/2005	$\boxtimes$	Yes		No	

We (I) hereby claim the benefit under Title 35, Unite application(s) listed below.	d States Code, §119(e) of any United States provisional		
60/562,532	16/04/2004		
(Application Number)	(Filing Date)		
(Application Number)	(Filing Date)		
We (I) hereby claim the benefit under 35 U.S.C. §120 of PCT International application designating the United States, the claims of this application is not disclosed in the prior Un provided by the first paragraph of 35 U.S.C. §112, I acknowled the provided by the first paragraph of 35 U.S.C. which became avaisable the national or PCT International filing date of this application	ited States or PCT International application in the manner edge the duty to disclose information which is material to ilable-between-the-filing-date-of-the-prior-application and		
Application Serial No. Filing Date	e Status (pending, patented, abandoned)		
as our (my) attorneys, with full powers of substitution and rebusiness in the Patent Office connected therewith; and we application be sent to	50		
Customer 1 228.			
We (I) declare that all statements made herein of our (mon information and belief are believed to be true; and further willful false statements and the like so made are punishable Title 18 of the United States Code and that such willful false or any patent issuing thereon.	by fine or imprisonment, or both, under Section 1001 of		
Shigeharu ICHIYANAGI NAME OF FIRST OR SOLE INVENTOR	Residence: Oyama-shi, Japan		
Shigehary Ichiyanagi	Citizen of: Japan		
Signature of Inventor	Mailing Address: <u>c/o SHOWA DENKO K.K.</u> ,		
	OYAMA REGIONAL OFFICE, 480, Inuzuka 1-		
June 19, 2006	chome, Oyama-shi, Tochigi 323-8678 Japan		
Date			